## Amendments to the Claims

Please amend the claims as follows (the changes are shown with ~~strikethrough~~ for deleted matter and <u>underlining</u> for added matter). A complete listing of the claims is set out below with proper claim identifiers.
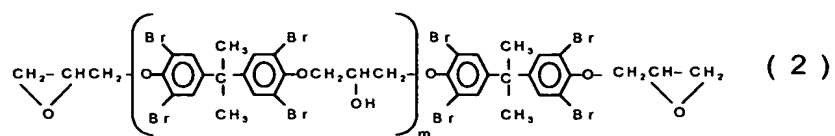
1. (Original) A flame retardant polyester fiber for artificial hair, formed from 100 parts by weight of (A) a polyester made of one or more of polyalkylene terephthalate or copolymer polyester comprising polyalkylene terephthalate as a main component, and 5 to 30 parts by weight of (B) a brominated epoxy flame retardant.

2. (Original) The flame retardant polyester fiber for artificial hair according to claim 1, wherein the component (B) is (B1) a brominated epoxy flame retardant having a number average molecular weight of 20,000 or more represented by the following general formula (1), and the fiber surface has minute projections.
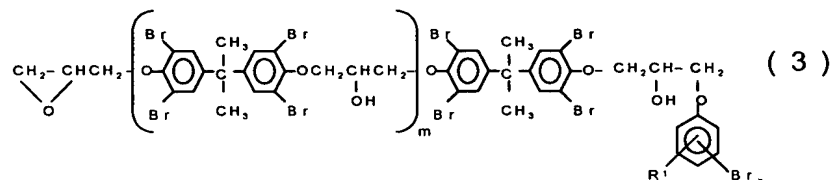

$$(\ 1 \ )$$
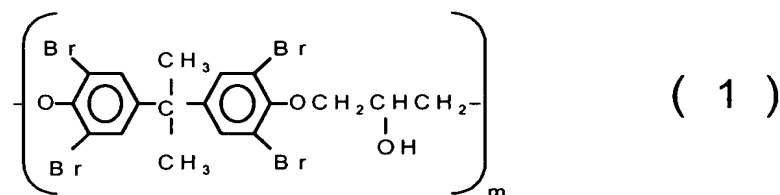
3. (Original) The flame retardant polyester fiber for artificial hair according to claim 1, wherein the component (A) is a polyester made of at least one polymer selected from the group consisting of polyethylene terephthalate, polypropylene terephthalate, and polybutylene terephthalate.

4. (Original) The flame retardant polyester fiber for artificial hair according to claim 1 or 3, wherein the component (B) is at least one flame retardant selected from the group consisting of brominated epoxy flame retardants represented by the general formulas (2) to (4):

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CH_2-CHCH_2 [structure (2)] (2)

wherein m represents 0 to 29,

CH_2-CHCH_2 [structure (3)] (3)

wherein R^1 represents a C_{1-10} alkyl group, and n represents 0 to 100, and
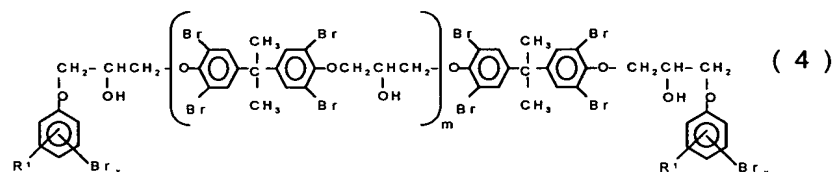
CH_2-CHCH_2 [structure (4)] (4)

5. (Original)   The flame retardant polyester fiber for artificial hair according to claim 1 or 2, wherein the component (B1) is at least one flame retardant selected from the group consisting of brominated epoxy flame retardants represented by the general formulas (5) to (7):
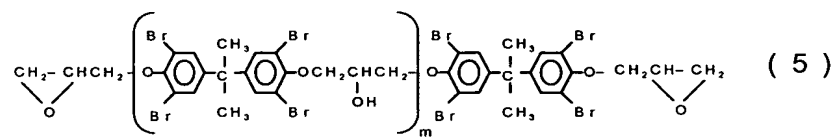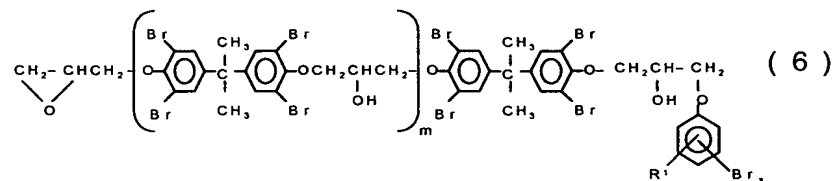
CH_2-CHCH_2 [structure (5)] (5)

wherein m represents 30 to 150,

CH_2-CHCH_2 [structure (6)] (6)

wherein R^1 represents a C_{1-10} alkyl group, and n represents 30 to 100, and

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$$CH_2-CHCH_2- \left[O-\underset{Br}{\overset{Br}{\bigcirc}}-\underset{CH_3}{\overset{CH_3}{C}}-\underset{Br}{\overset{Br}{\bigcirc}}-OCH_2CHCH_2- \right]_m O-\underset{Br}{\overset{Br}{\bigcirc}}-\underset{CH_3}{\overset{CH_3}{C}}-\underset{Br}{\overset{Br}{\bigcirc}}-O-CH_2CH-CH_2 \quad (7)$$

wherein R^2 represents a C_{1-10} alkyl group, p represents 30 to 100, and y represents 0 to 5.

6.   (Currently Amended)   The flame retardant polyester fiber for artificial hair according to any of ~~claim 2, 3, and 5~~claim 2 and 3, wherein the projections on the fiber surface are amorphous.

7.   (Currently Amended)   The flame retardant polyester fiber for artificial hair according to any of ~~claim 2, 3, 5, and 6~~claim 2 and 3, wherein the projections on the fiber surface have a major axis length of 0.2 to 20 μm, a minor axis length of 0.1 to 10 μm, and a height of 0.1 to 2 μm each.

8.   (Currently Amended)   The flame retardant polyester fiber for artificial hair according to any of ~~claims 1 to 7~~claims 1, 2 and 3, which is formed from a composition obtained by further mixing the components (A) and (B) with organic fine particles (C) and/or inorganic fine particles (D), and has minute projections on the fiber surface.
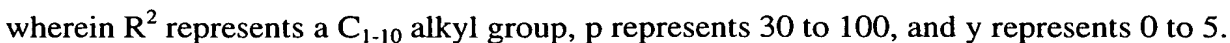
9.   (Original)   The flame retardant polyester fiber for artificial hair according to claim 8, wherein the component (C) is at least one member selected from the group consisting of a polyarylate, polyamide, fluororesin, silicone resin, crosslinked acrylic resin, and crosslinked polystyrene.

10.   (Original)   The flame retardant polyester fiber for artificial hair according to claim 8, wherein the component (D) is at least one member selected from the group consisting of calcium carbonate, silicon oxide, titanium oxide, aluminum oxide, zinc oxide, talc, kaolin, montmorillonite, bentonite, and mica.

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11.   (Currently Amended)   The flame resistant polyester fiber for artificial hair according to any of ~~claims 1 to 10~~claims 1, 2 and 3, which has at least one modified cross-section selected from the group consisting of shapes of an ellipse, crossed circles, a cocoon, a potbelly, a dog bone, a ribbon, three to eight leaves, and a star.

12.   (Original)   The polyester fiber for artificial hair according to claim 11, wherein the fiber cross-section has a shape with two or more circles or flat circles lapped or brought into contact with each other.

13.   (Original)   The polyester fiber for artificial hair according to claim 11, wherein the fiber cross-section has a shape of three to eight leaves, and the fiber is a modified cross-section fiber having a degree of modification represented by the expression (1) of 1.1 to 8.
(Expression 1)

Degree of modification = (Circumscribed circle diameter of monofilament cross-section)/(Inscribed circle diameter of monofilament cross-section)

14.   (Original)   The polyester fiber for artificial hair according to claim 11, wherein the fiber cross-section has a flatness ratio of 1.2 to 4.

15.   (Original)   The flame retardant polyester fiber for artificial hair according to claim 11, which is a mixture of a fiber having a round cross-section with a fiber having at least one modified cross-section selected from the group consisting of shapes of an ellipse, crossed circles, a cocoon, a potbelly, a dog bone, a ribbon, three to eight leaves, and a star, wherein the mixing ratio of the fiber having a round cross-section to the fiber having a modified cross-section is 8:2 to 1:9.

16.   (Currently Amended)   The flame retardant polyester fiber for artificial hair according to any of ~~claims 1 to 15~~claims 1, 2 and 3, further comprising (E) a hydrophilic fiber treating agent attached thereto.

17.   (Original)   The flame retardant polyester fiber for artificial hair according to claim 16, wherein the component (E) is at least one member selected from the group consisting of a polyether compound, fatty acid ester compound, organic amine, organic amide, organic fatty acid ester, organic amine salt, organic ammonium salt, organic pyridium salt, organic ammonium salt, organic pyridinium salt, organic picolinium salt, organic fatty acid salt, resinate, organic sulfonate, organic succinate, organic monosuccinate, organic carboxylate, organic sulfate, and organic phosphate.

18.   (Currently Amended)   The flame retardant polyester fiber for artificial hair according to ~~claims 1, 2, and 16~~claims 1 and 2, wherein the component (E) is at least one member selected from the group consisting of polyoxyalkylene alkyl ether, polyoxyalkylene alkenyl ether, and polyoxyalkylene aryl ether, and their random copolymer polyethers, polyoxyalkylene alkylaryl ether, polyoxyalkylene alkyl ester, polyoxyalkylene alkenyl ester, and polyoxyalkylene alkylaryl ester.

19.   (Original)   The flame retardant polyester fiber for artificial hair according to claim 16, wherein the component (E) is at least one member selected from the group consisting of an ethylene oxide-propylene oxide random copolymer polyether (molecular weight MW: 15,000 to 50,000), polyethylene oxide (molecular weight: 100 to 1,000), and polypropylene oxide (molecular weight: 100 to 1,000).

20.   (Currently Amended)   The flame retardant polyester fiber for artificial hair according to ~~any of claims 5 and 16 to 19~~claim 19, wherein the component (E) is attached to the fiber at a weight ratio of 0.01% to 1%.

21.   (Currently Amended)   The flame retardant polyester fiber according to any of ~~claims 1 to 20~~claims 1, 2 and 3, which is in the form of a non-crimped raw silk.

22.   (Currently Amended)   The flame retardant polyester fiber for artificial hair according to any of ~~claims 1 to 21~~claims 1, 2 and 3, which is spun dyed.

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23.   (Currently Amended)   The flame retardant polyester fiber according to any of ~~claims 1 to 22~~<u>claims 1, 2 and 3</u>, which has a monofilament size of 30 to 80 dtex.